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## Searches for right-handed neutrinos at accelerators

*Friday, July 12, 2019 4:15 PM (15 minutes)*

Extensions to the SM featuring a low-scale seesaw can be used to explain the observation of neutrino oscillations, baryogenesis and dark matter. I present the potential to search for right-handed neutrinos using current experiments. I compare the reach of the main detectors at the LHC when a displaced vertex signature in proton collisions is used. Additionally, I show the potential to improve on that using heavy ion collisions. Finally, I present the reach of the fixed target experiment NA62.

**Primary author:** Dr HAJER, Jan (Université catholique de Louvain)

**Presenter:** Dr HAJER, Jan (Université catholique de Louvain)

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